

FIGURE 1

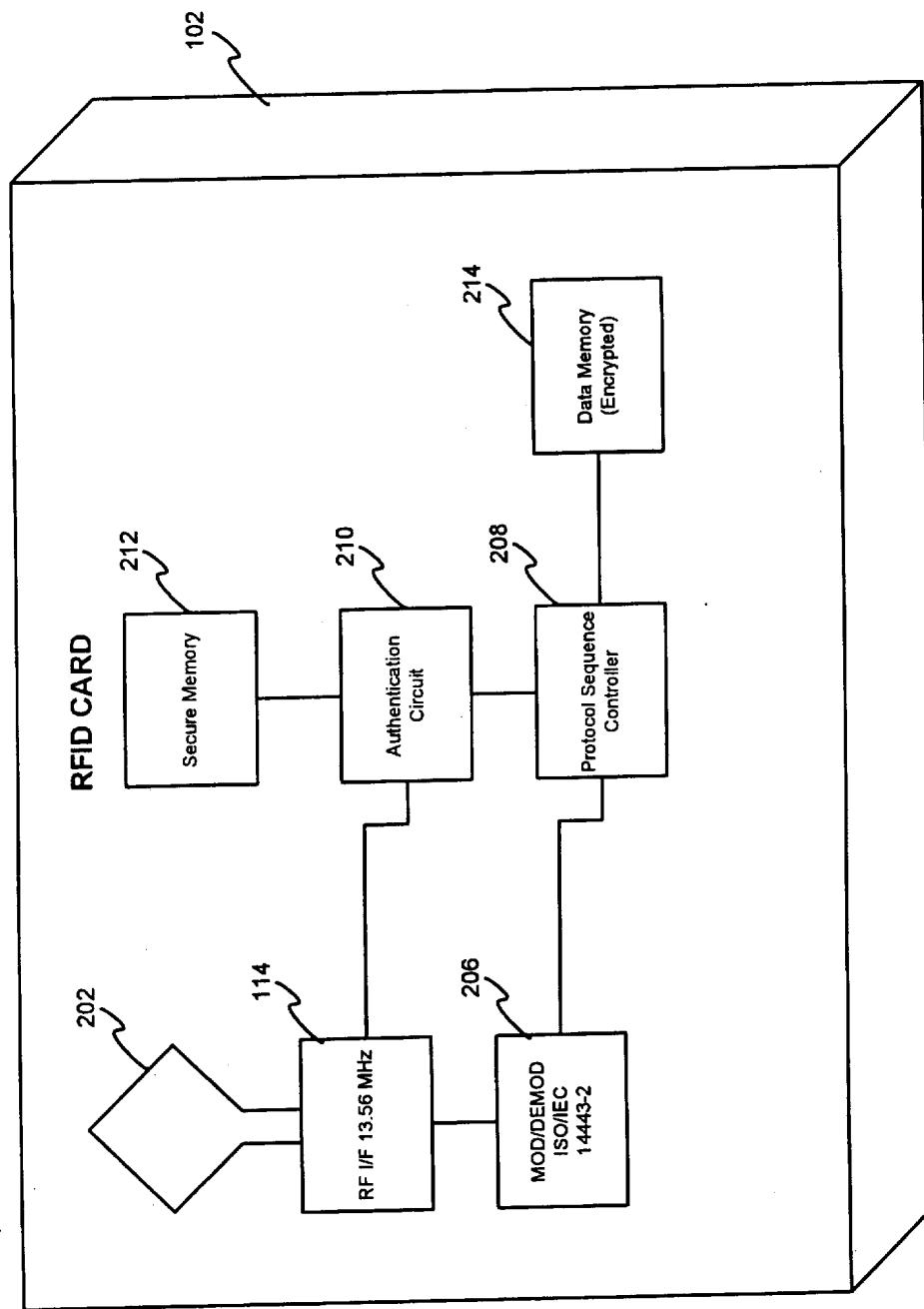
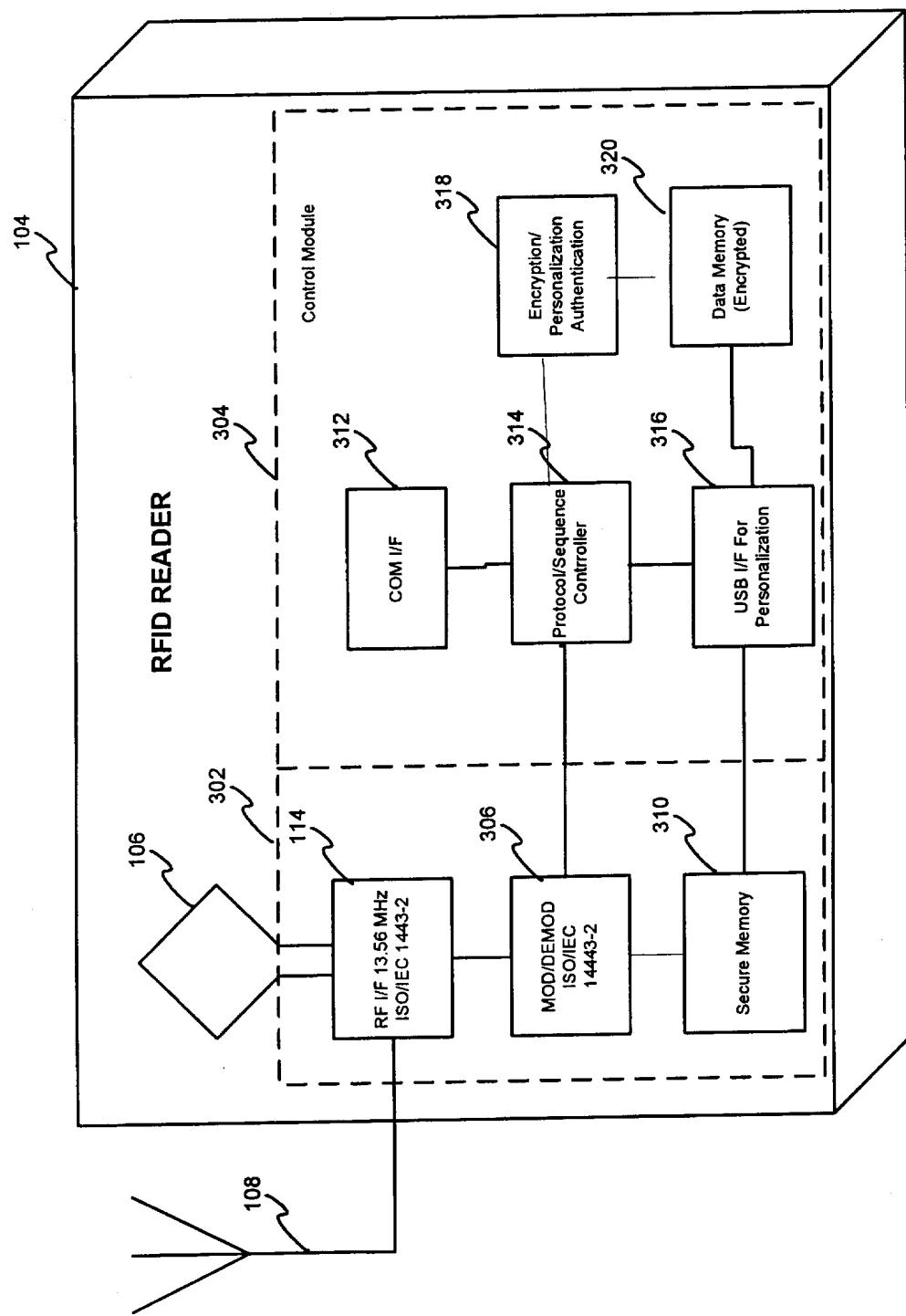
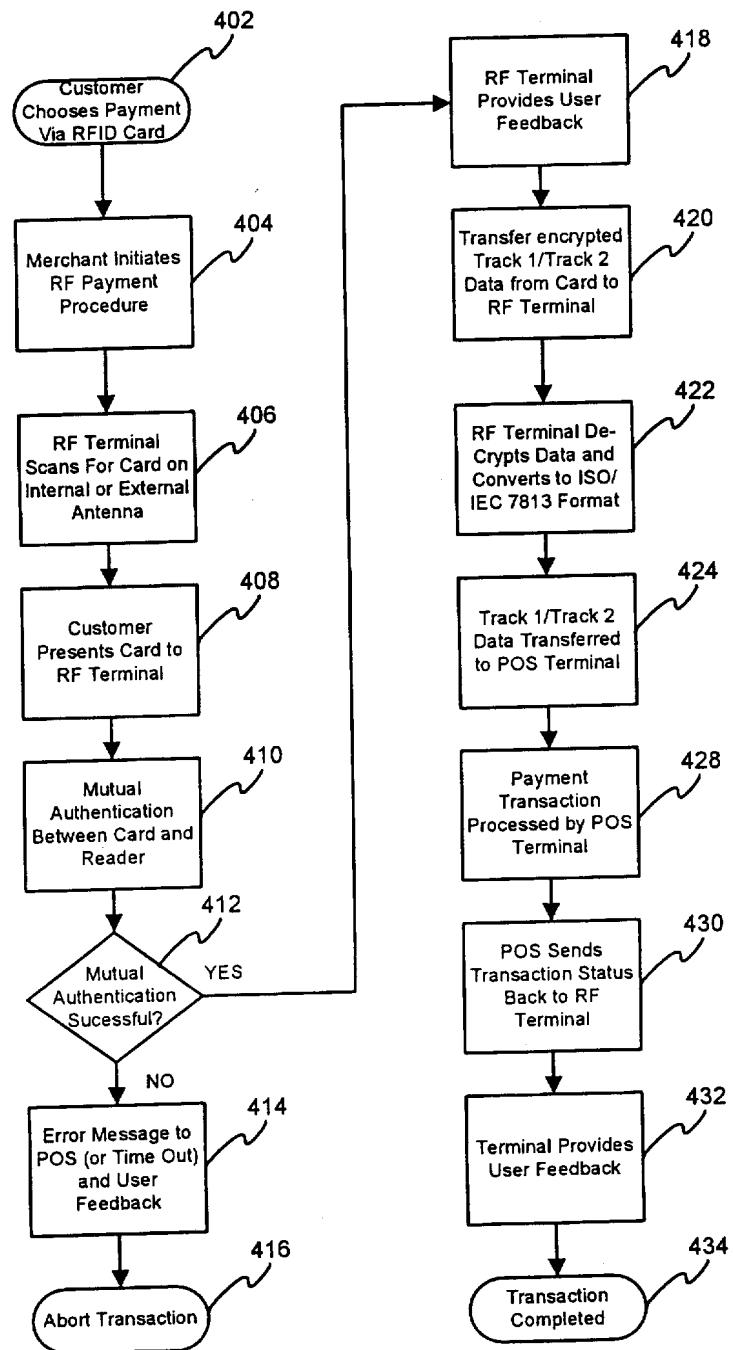


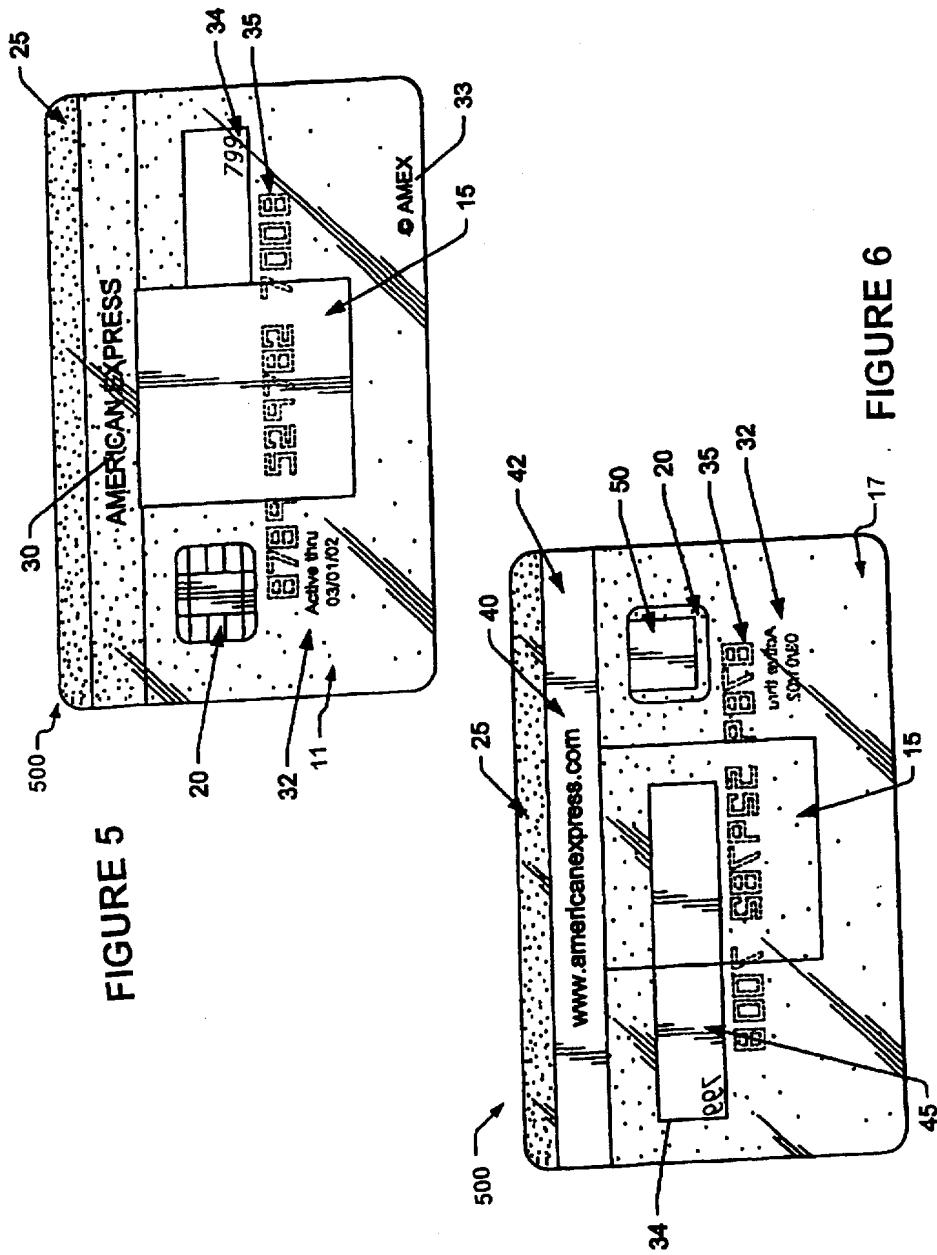
FIGURE 2



**FIGURE 3**



**FIGURE 4**



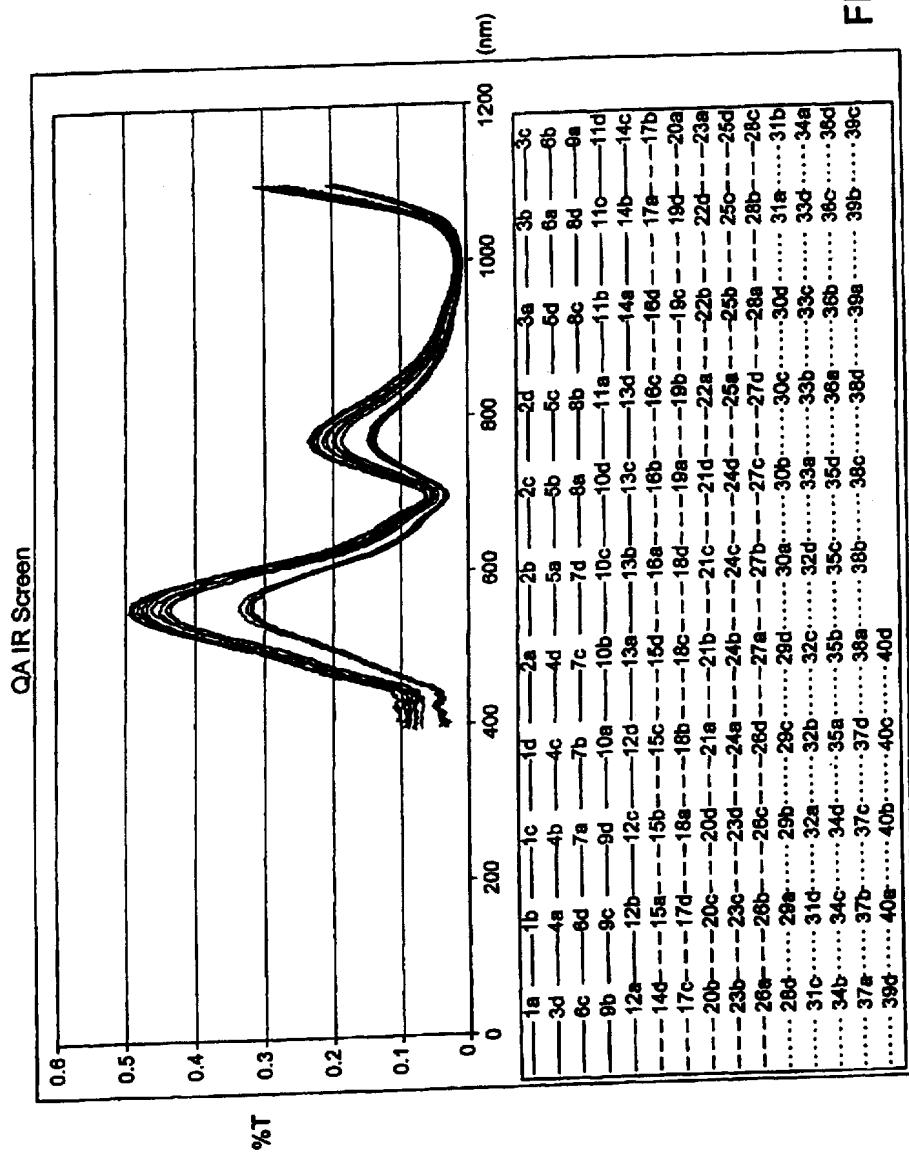


FIGURE 7A

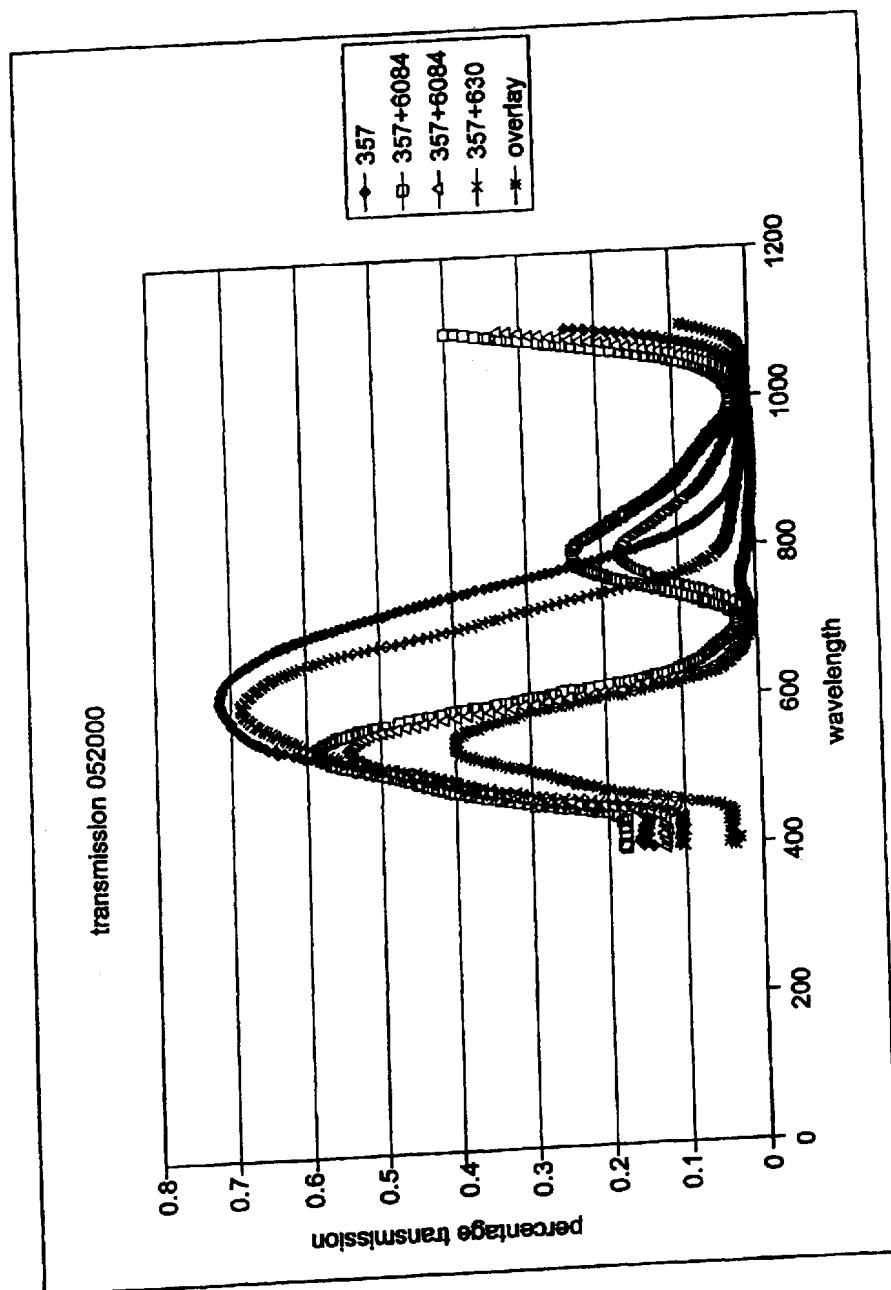


FIGURE 7B

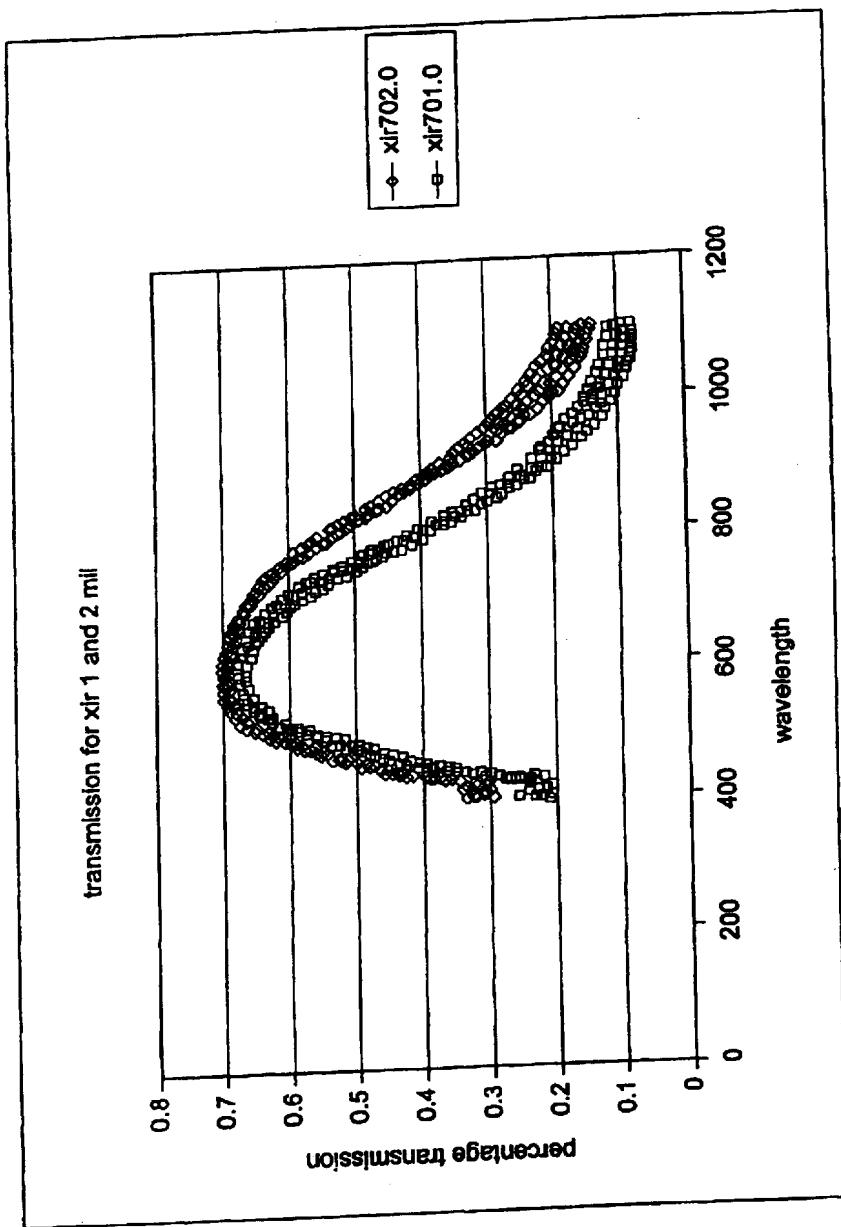


FIGURE 7C

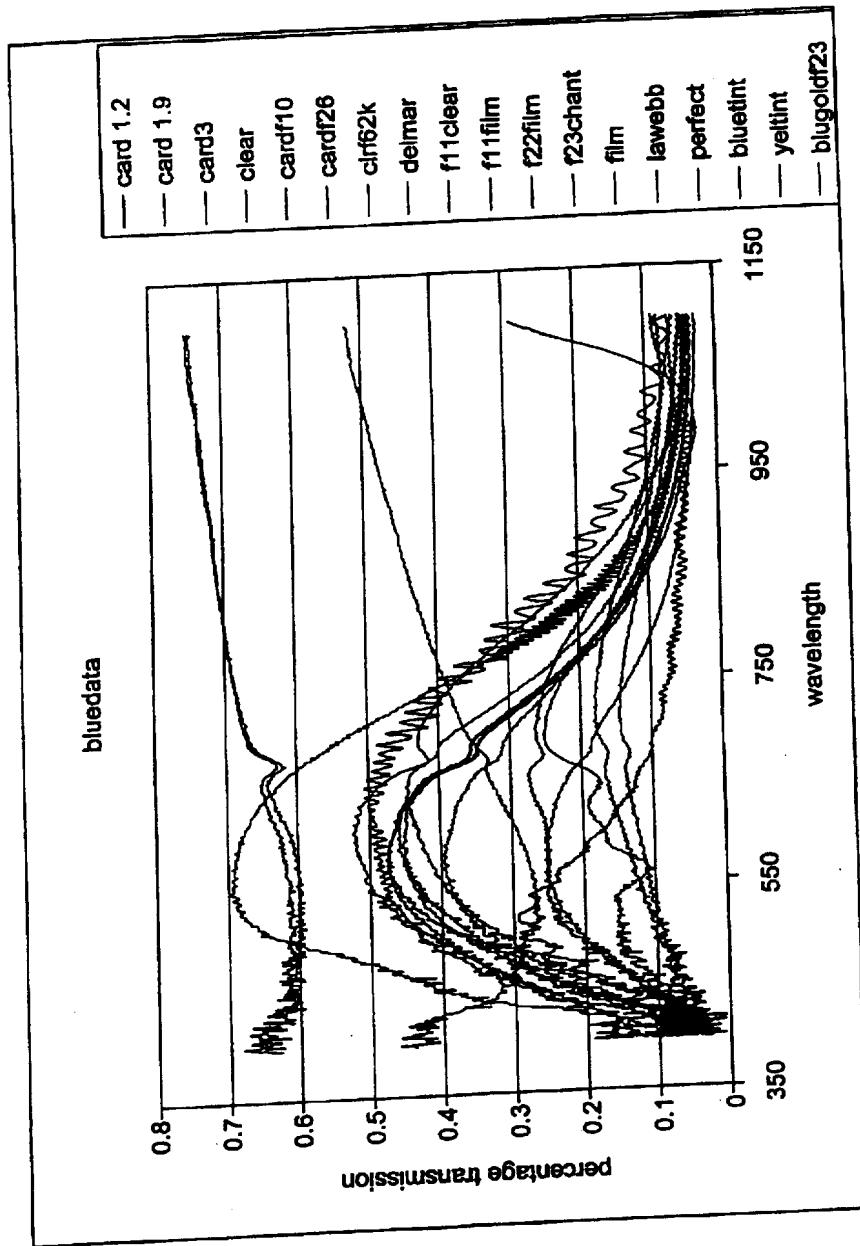


FIGURE 7D

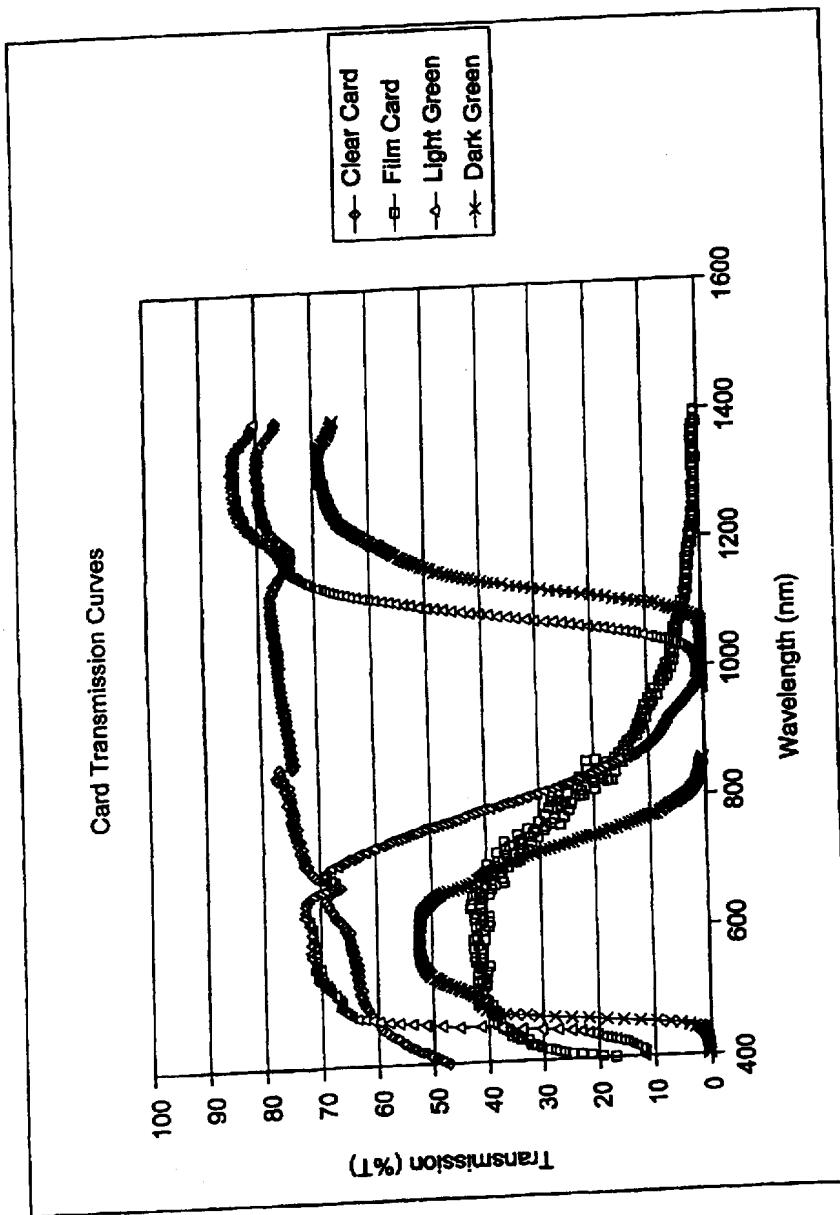


FIGURE 7E

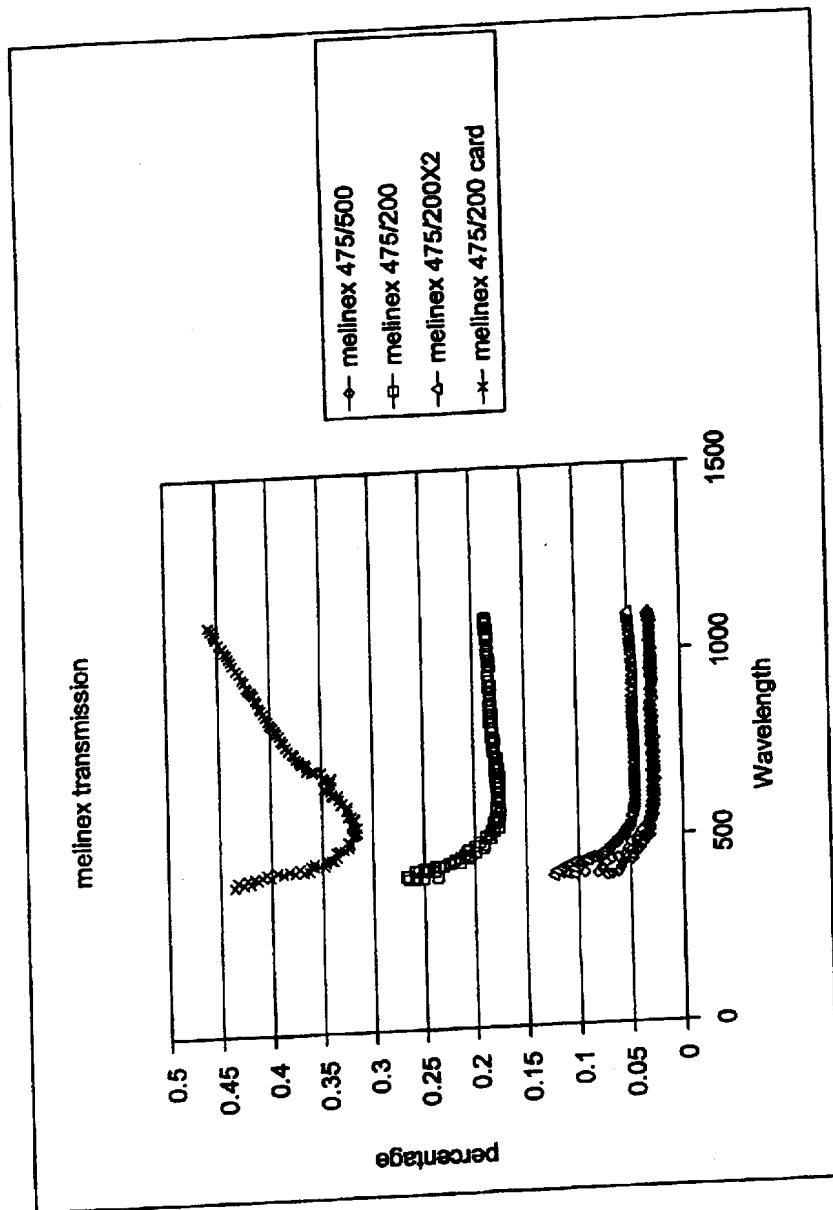


FIGURE 7F

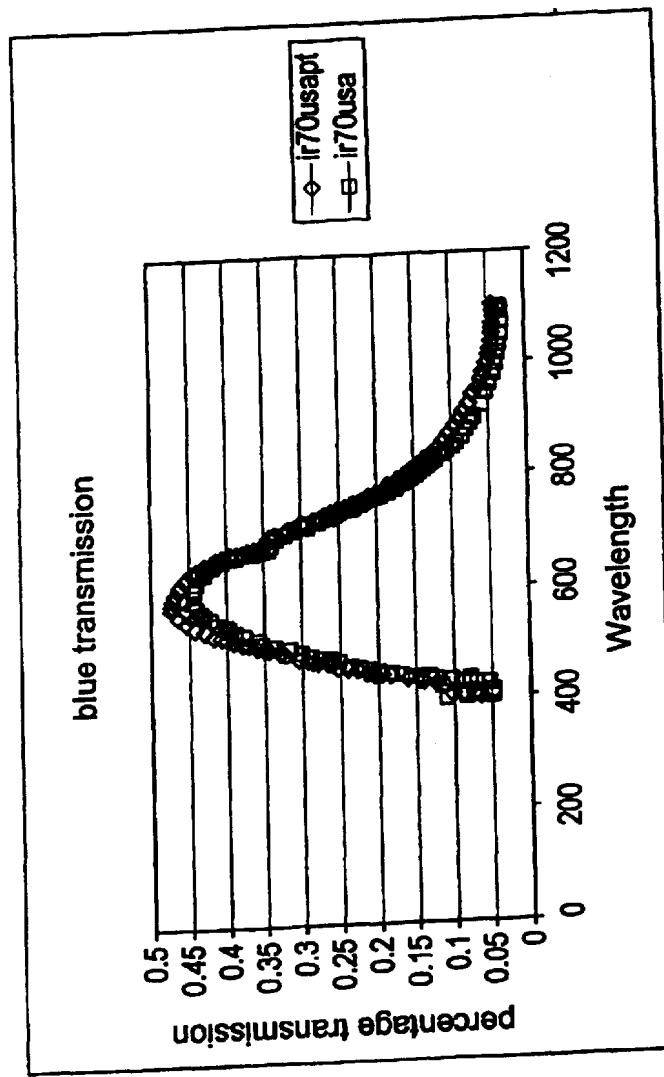


FIGURE 7G

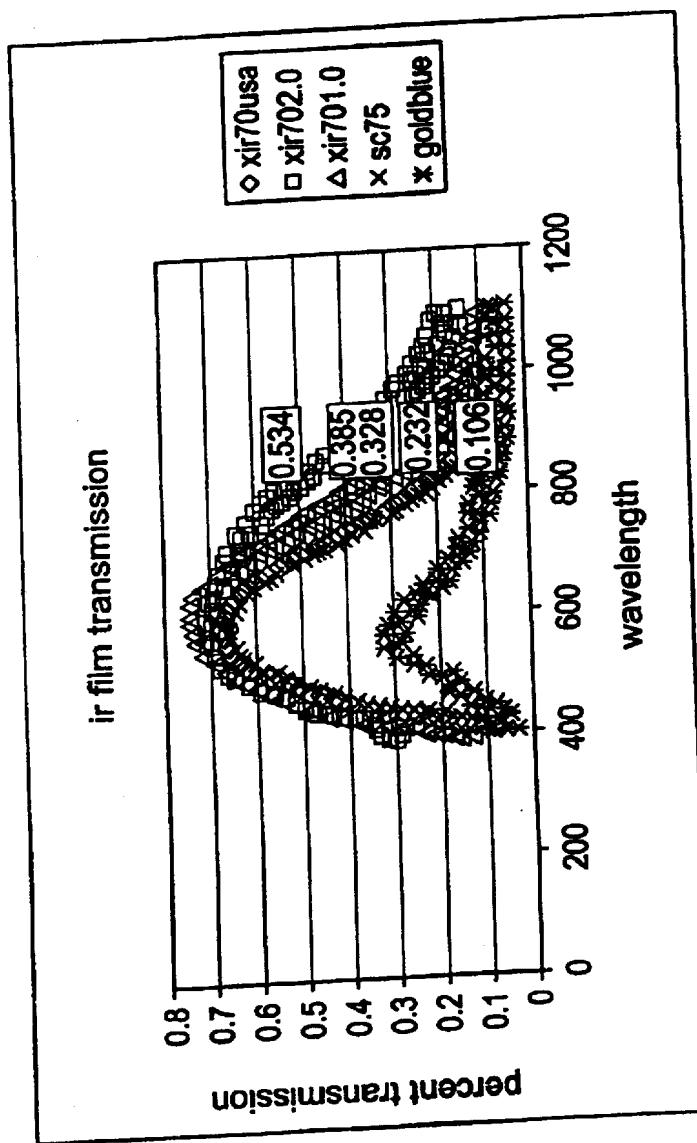


FIGURE 7H

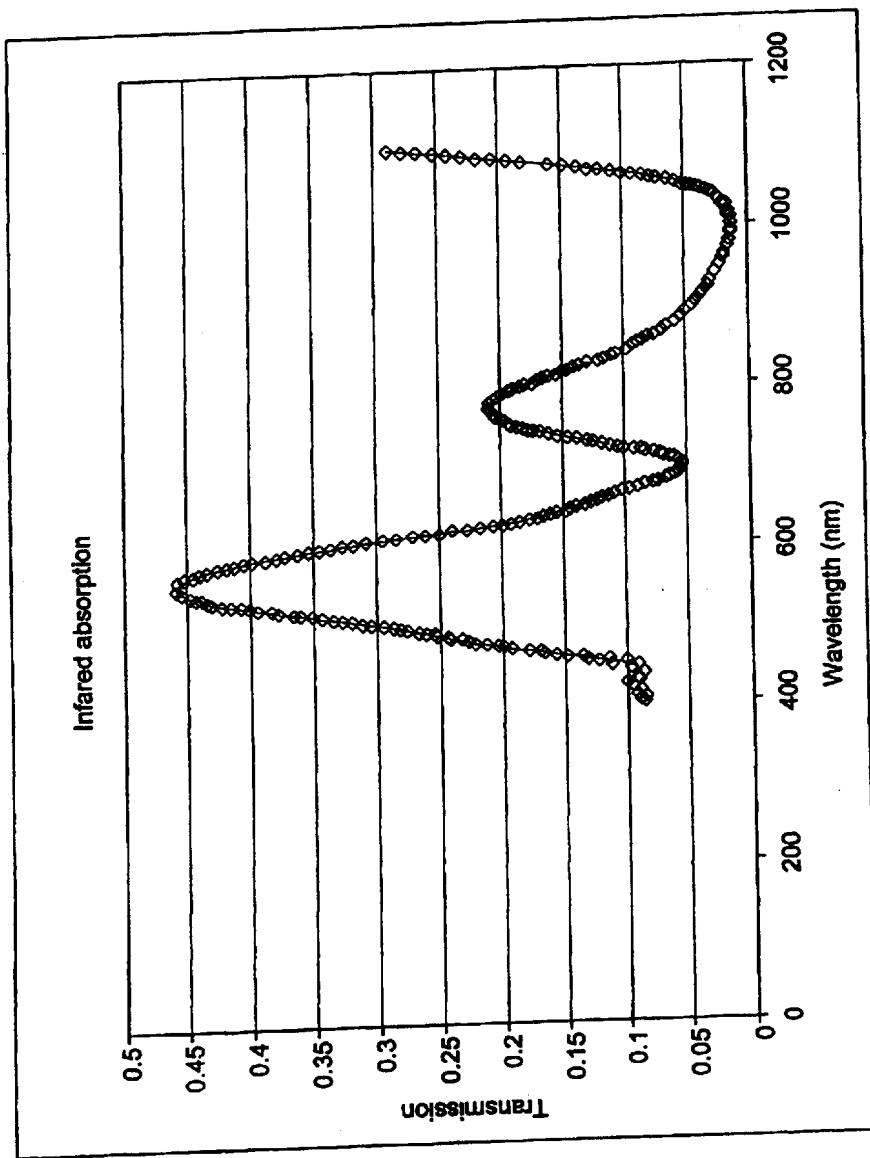


FIGURE 71

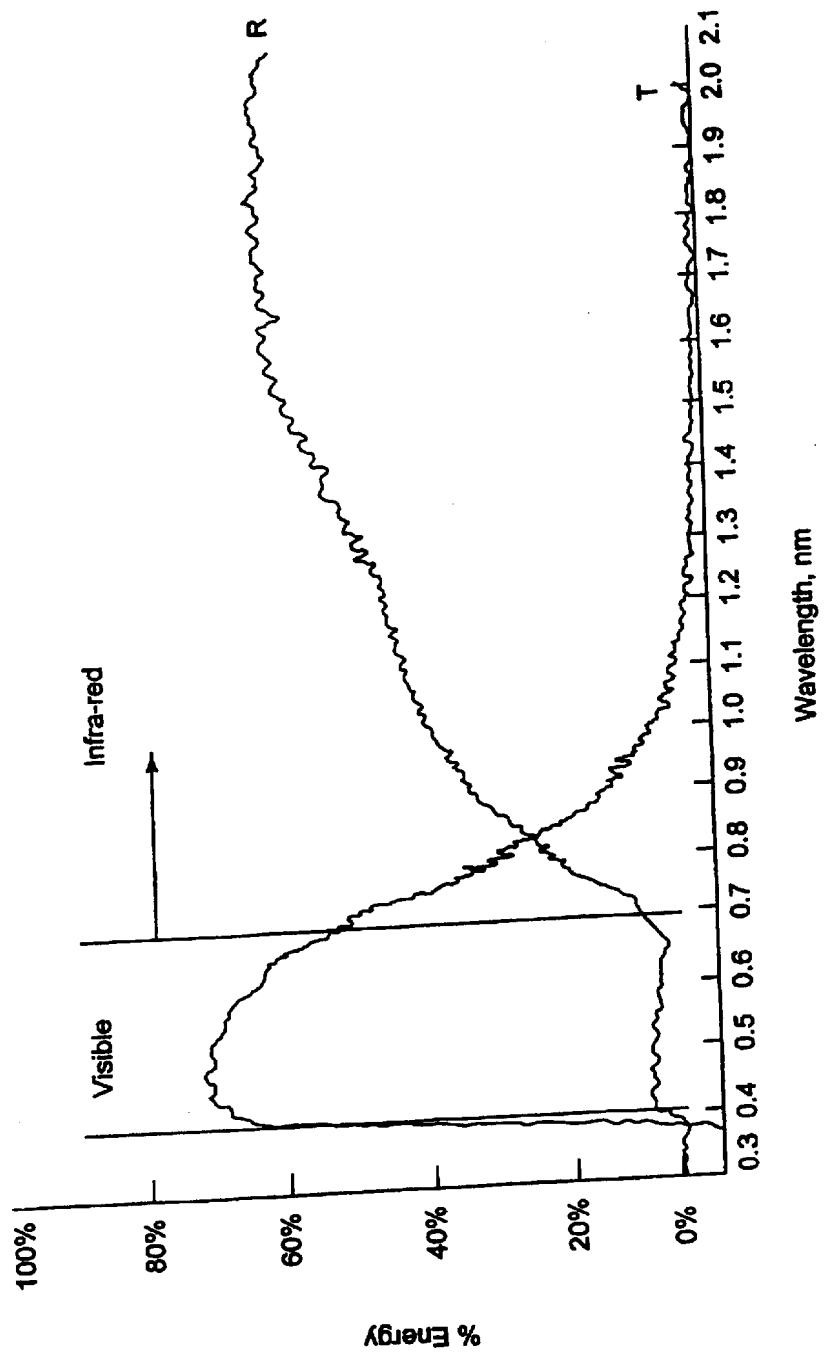


FIGURE 8

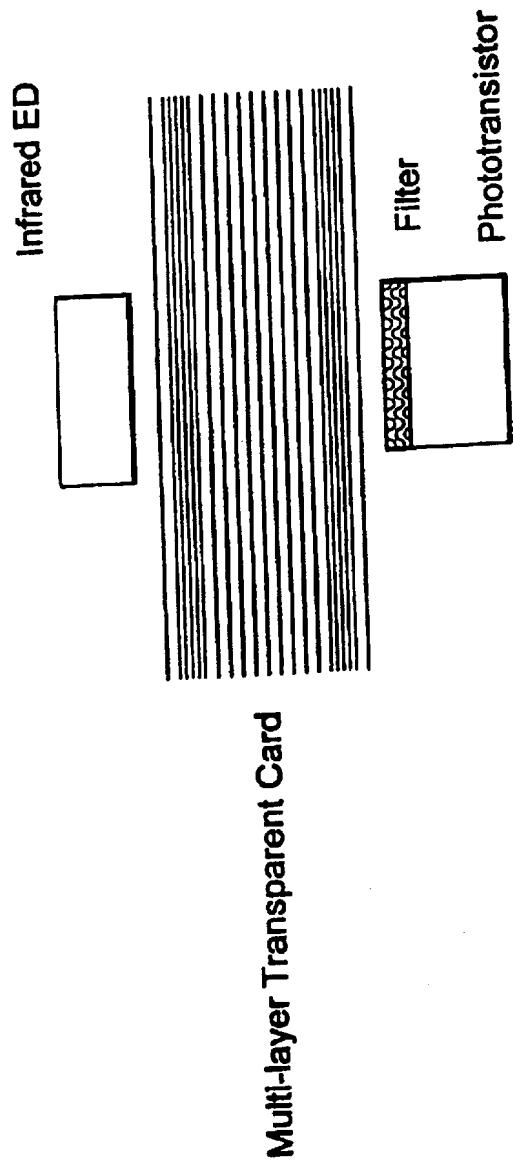


FIGURE 9

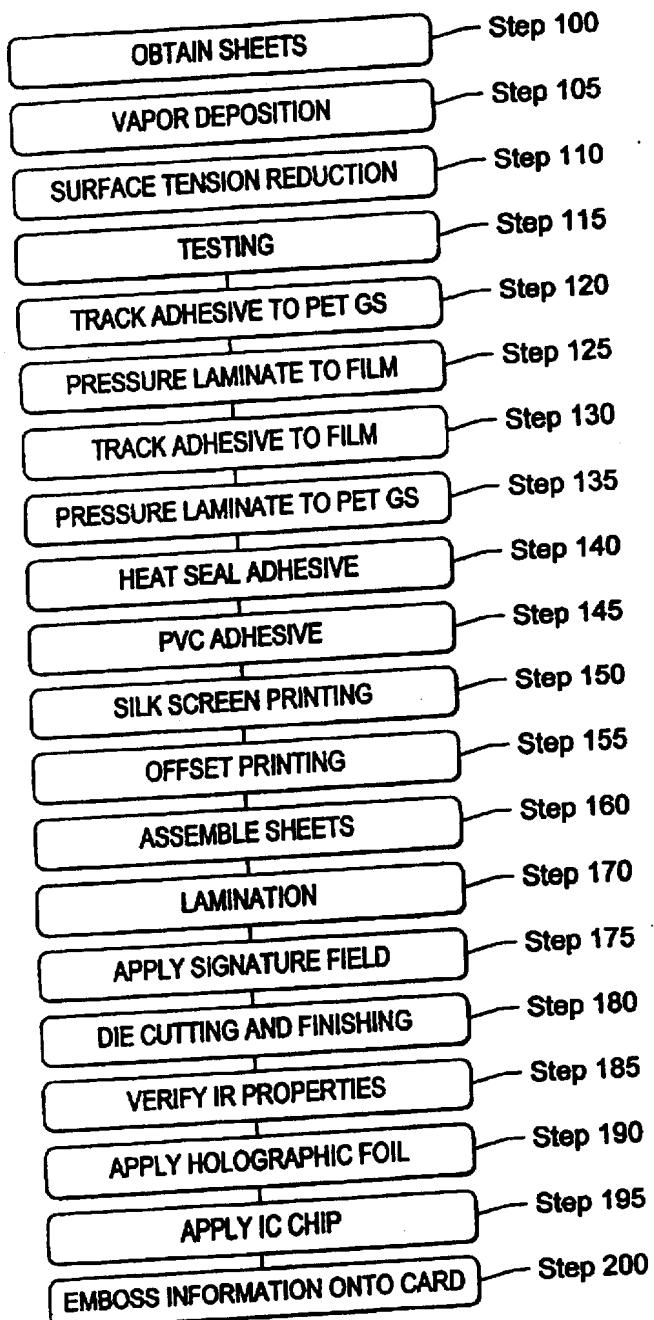
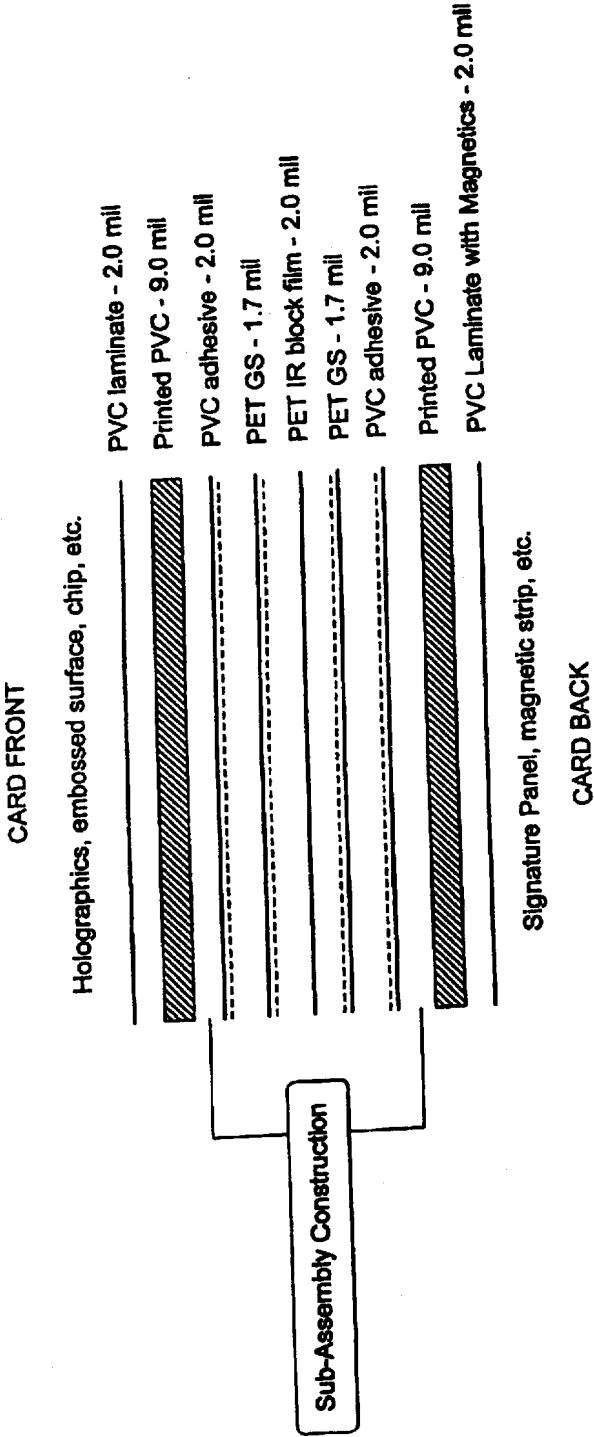


FIGURE 10

**FIGURE 11A**



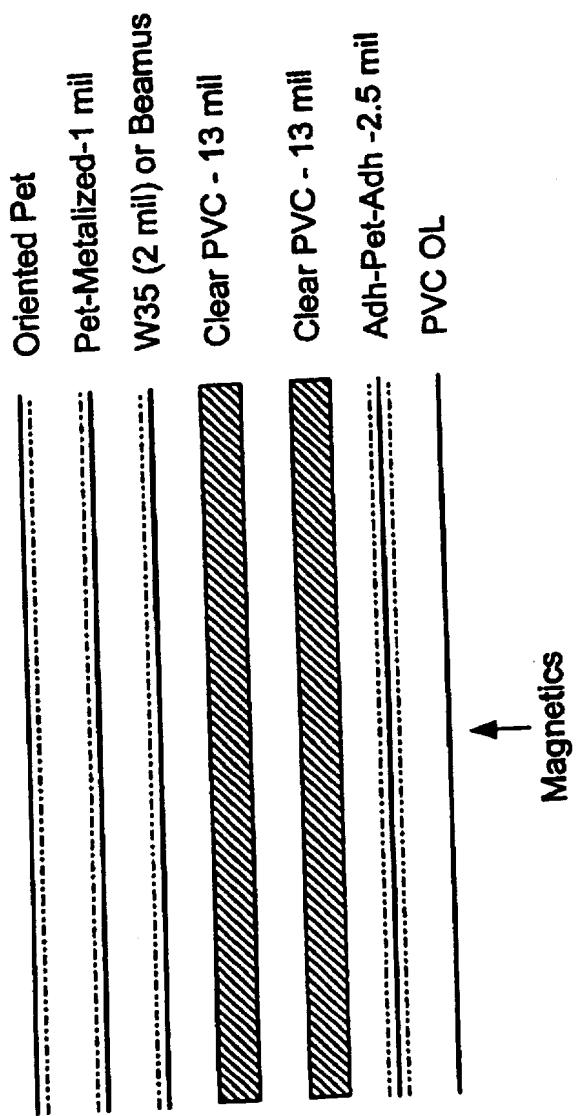


FIGURE 11B

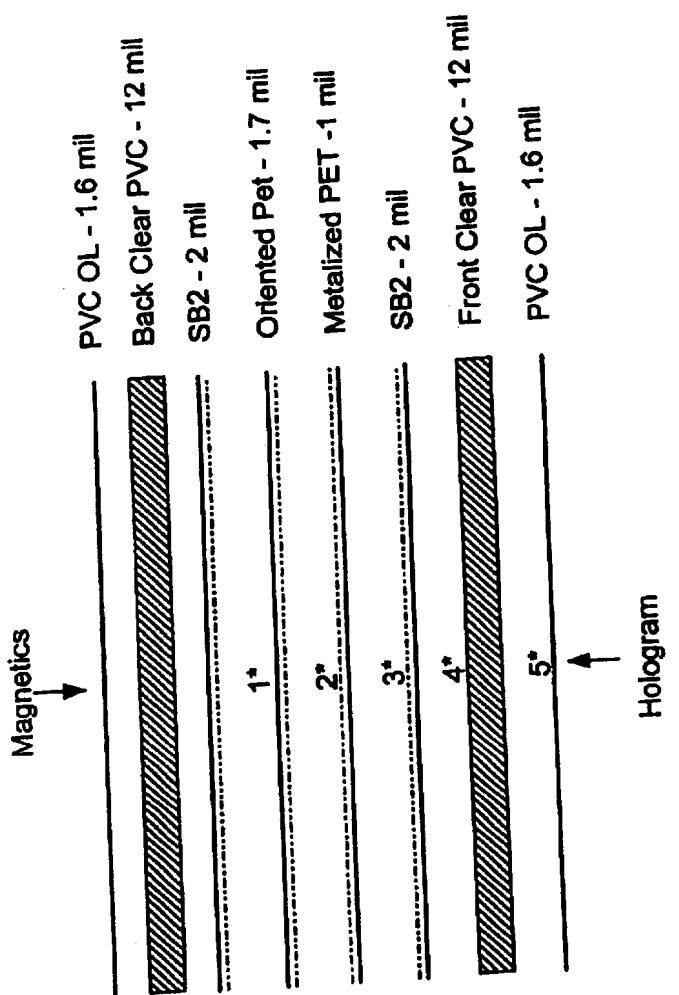


FIGURE 11C

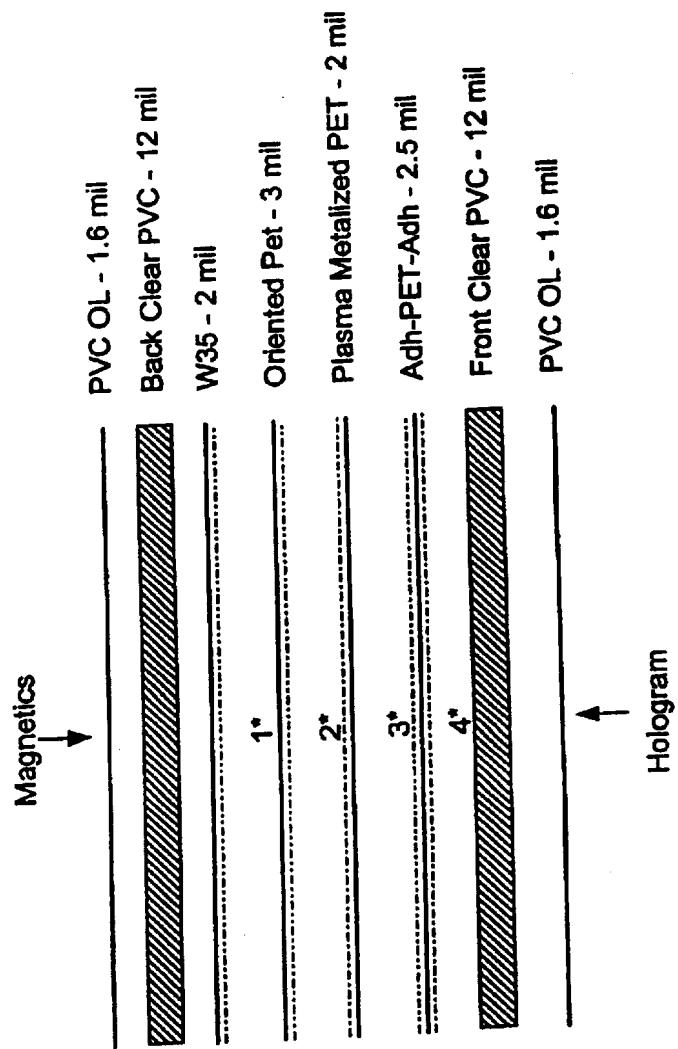


FIGURE 11D

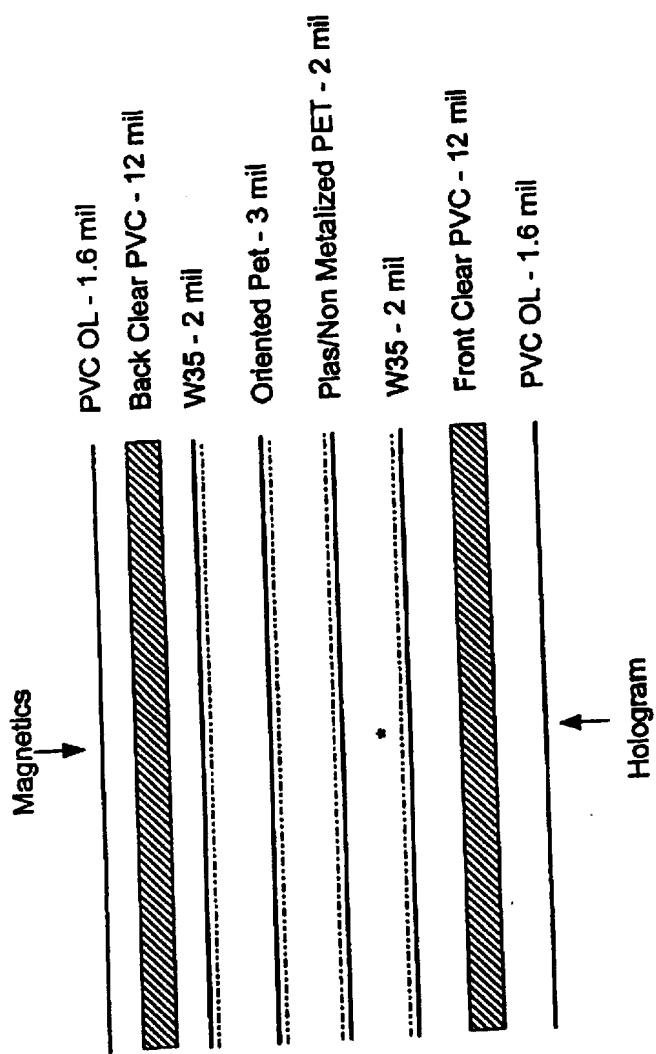


FIGURE 11E

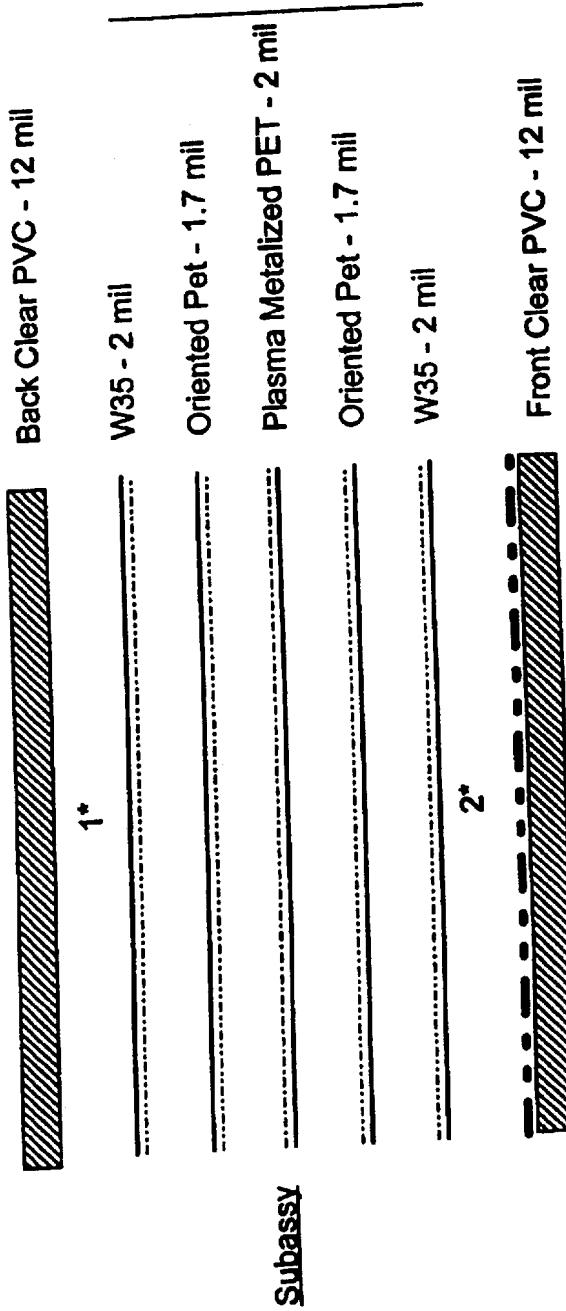


FIGURE 11F

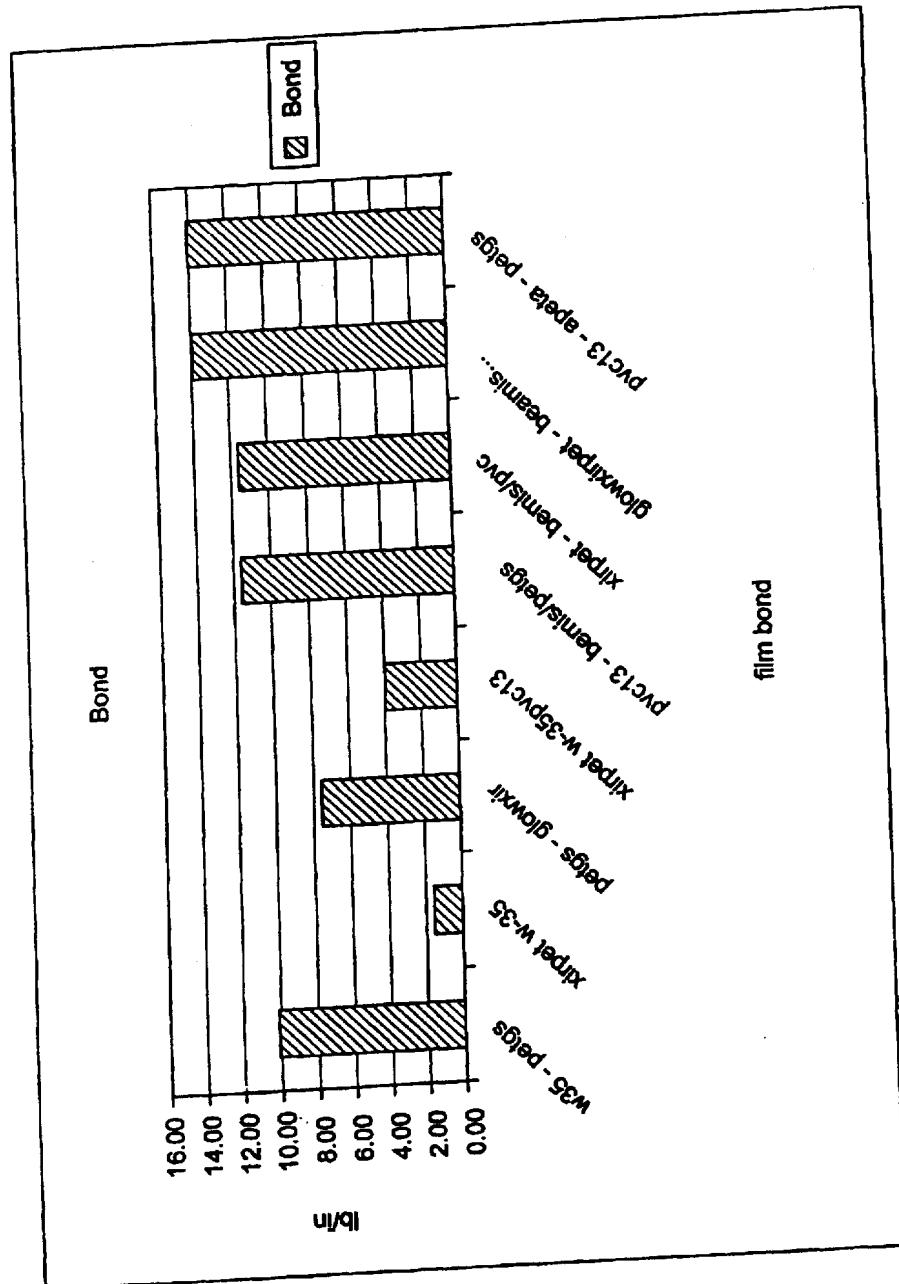


FIGURE 12A

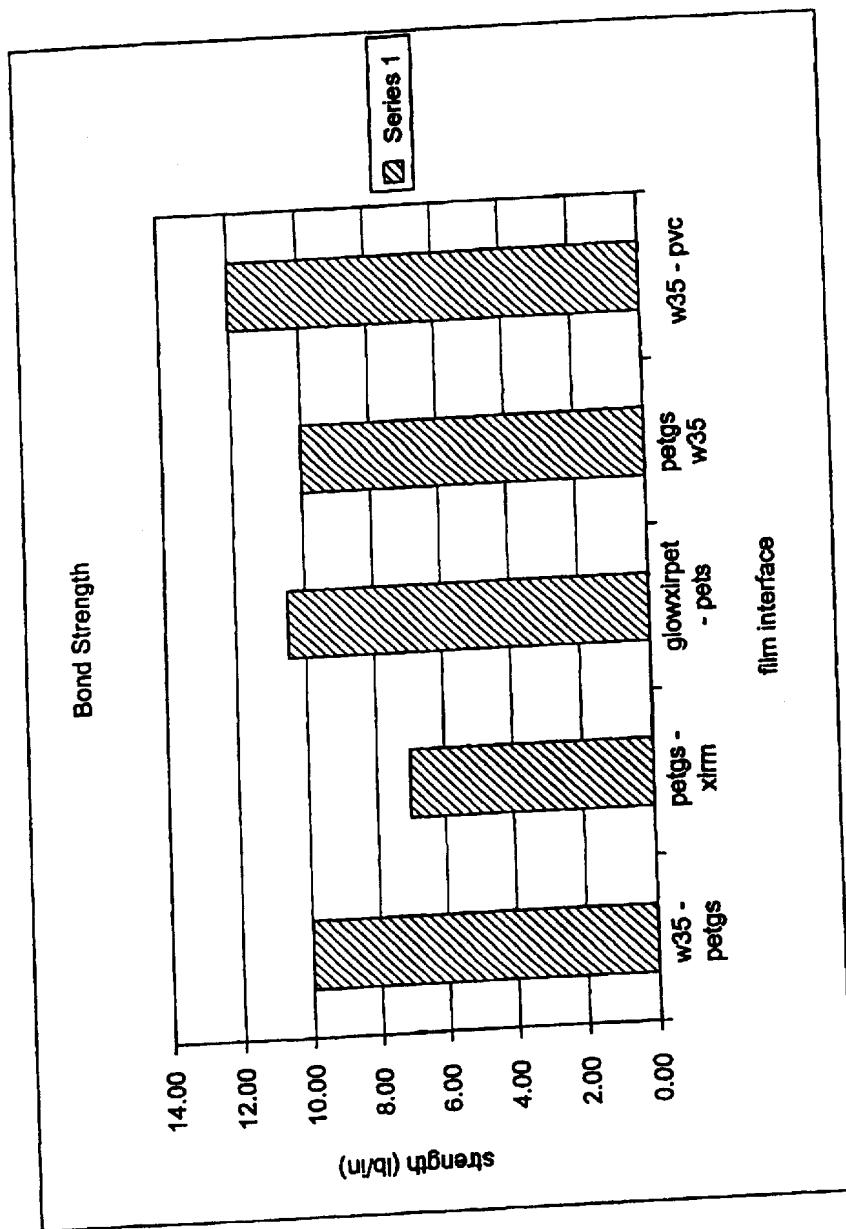


FIGURE 12B

Number	Material	Specifications	Source	Comments
	Construction 1 - white needs work, lamination temperature too low, pvc core			
1	pvc laminate	1.60	oberthur	bond low.
2	pet adhesive both sides	2.50	allied signal	front 4.1, 4.4; back 4.0, 4.0
3	printed core - white #1	12.00	oberthur	
4	printed core - white #1	12.00	oberthur	
5	wl-35 pvc (adh to xir)	2.00	klockner	
6	xir (metal to pet gs)	1.00	southwall	
7	pet glue/stamp	1.70	d & k	
		32.80		1.2 mil adhesive, 0.5 mil pet. thickness .030 - .031
Total	Construction 2			
1	pvc laminate	1.60	oberthur	
2	pet adhesive both sides	2.50	allied signal	
3	printed core	12.00	oberthur	
4	printed core	12.00	oberthur	
5	wl-35 pvc (adh to xir)	2.00	klockner	
6	xir (metal to pet gs)	1.00	southwall	
7	pet glue/stamp (adh to xir)	1.70	d & k	
8	wl-35 pvc (adh to pet)	2.00	klockner	
		34.80		1.2 mil adhesive, 0.5 mil pet.
Total	Construction 3			
1	pvc laminate	1.60	oberthur	
2	pet adhesive both sides	2.50	allied signal	
3	printed core	12.00	oberthur	
4	printed core	12.00	oberthur	
5	wl-35 pvc (adh to xir)	2.00	klockner	
6	xir (metal to pet gs)	1.00	southwall	
7	pet glue/stamp (adh to xir)	1.70	d & k	
8	gomm pvc (adh to pet)	2.00	allied signal	
		34.80		1.2 mil adhesive, 0.5 mil pet.
Total	Construction 4 - white #2 too dark, temperature too low, pvc lamination bond			
1	pvc laminate	1.60	oberthur	low
2	pet adhesive both sides	2.50	allied signal	front - 4.0, 4.3; back tear
3	printed core - white #2	12.00	oberthur	
4	printed core - white #2	12.00	oberthur	
5	bernis (adh to xir)	2.00	klockner	
6	xir (metal to pet gs)	1.00	southwall	
7	pet glue/stamp	1.70	d & k	
		32.80		1.2 mil adhesive, 0.5 mil pet. thickness .030 - .031
Total	Construction 5 - white #3 too dark, temperature too low - pvc lamination bon			
1	pvc laminate	1.60	oberthur	low
2	pet adhesive both sides	2.50	allied signal	
3	printed core - white #3	12.00	oberthur	
4	printed core - white #3	12.00	oberthur	
5	wl-35 (adh to xir pet)	2.00	klockner	
6	xir (metal to pet gs)	1.00	southwall	
7	pet glue/stamp	1.70	d & k	
		32.80		1.2 mil adhesive, 0.5 mil pet. thickness .030 - .031
Total	howard 1.0 coating	33.60	zeneca?	
1	neocryl b725	31.20		
2	EtOH	31.20		
3	nPOAc			

FIGURE 13

		4.00	moreslip, greensboro	
4 citraflex 24		100.00		
Total	construction #6 - seems to stick ok, best so far, scale up. Make sub-laminat			(aka - s)
1 pvc laminate	1.60	oberthur		
2 core pvc	12.00	oberthur		
3 bermis	2.00	bermis		
4 petgs	1.70	d & k		
5 xir (metal to pet gs)	1.00	southwall		plasma treated
6 bermis	2.00	bermis		
7 core pvc	12.00	oberthur		
8 pvc laminate	1.60	oberthur		magnetics
	33.90			
Total	herslow sublamination			
Total Price	construction #7- seems to stick ok, best so far, scale up. Make sub-laminat			(aka - t)
1 pvc laminate	1.60	oberthur		
2 core pvc	12.00	oberthur		
3 w-35	2.00	bermis		
4 petgs	1.70	d & k		
5 xir (metal to pet gs)	1.00	southwall		plasma treated
6 bermis	2.00	bermis		
7 core pvc	12.00	oberthur		
8 pvc laminate	1.60	oberthur		magnetics
	33.90			
Total	construction #7 - seems to stick ok, best so far, scale up. Make sub-laminat			(aka - t)
1 pvc laminate	1.60	oberthur		
2 core pvc	12.00	oberthur		
3 w-35	2.00	bermis		
4 petgs	1.70	d & k		
5 xir (metal to pet gs)	1.00	southwall		plasma treated
6 w-35	2.00	bermis		
7 core pvc	12.00	oberthur		
8 pvc laminate	1.60	oberthur		magnetics
	33.90			
Total	construction #8 - sublamine to be used with 12 mil pvc core			
1 w-35	2.00			
2 petgs	1.70			
3 xir (metal to pet gs)	1.00			
	4.70			
Total	construction #9 - sublamine to be used with 10 mil pvc core			
1 pvc laminate	1.60			
2 w-35	2.00			
3 petgs	1.70			
4 xir (metal to pet gs)	1.00			
5 bermis	2.00			
6 pvc laminate	1.60			
	9.90			
Total	construction #10 (if u works)			
1 w35	2.00			
2 petgs	1.70			
3 xir (metal to pet gs)	1.00			
4 w35	2.00			

FIGURE 13 (Continued)

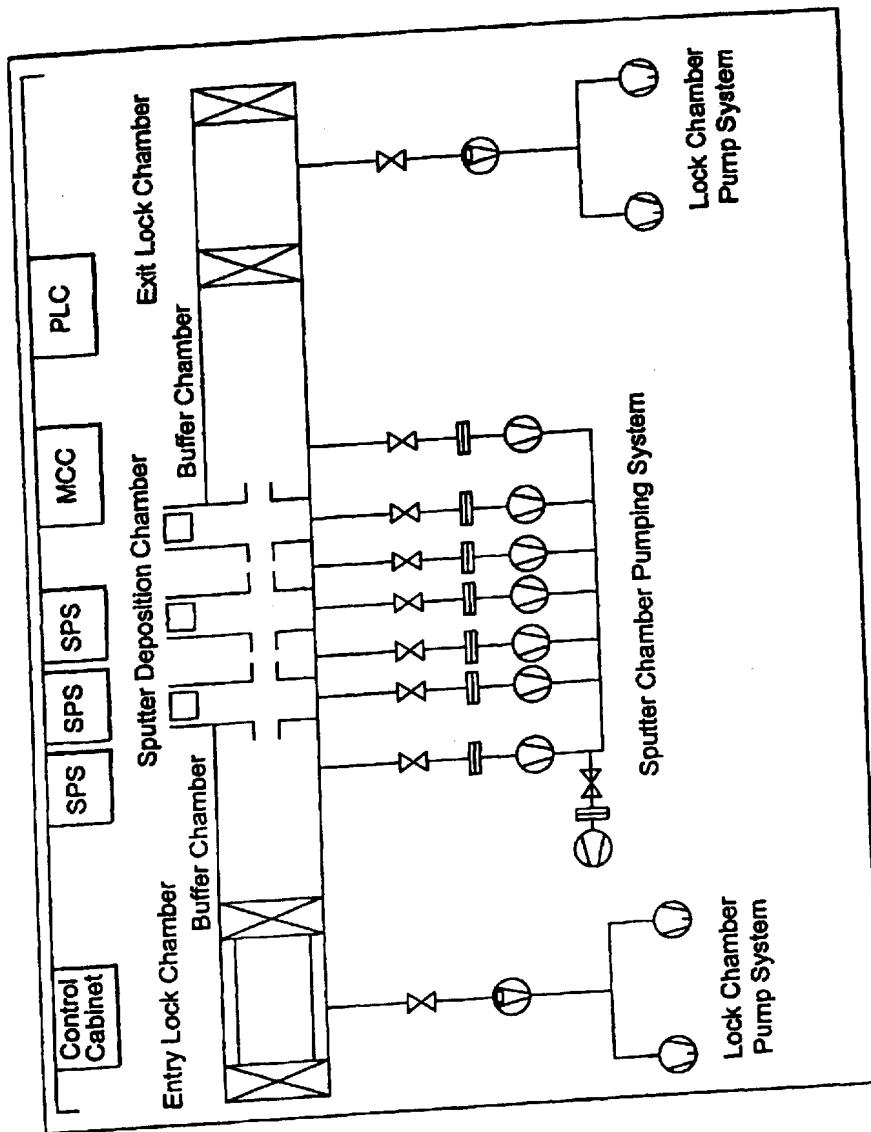


FIGURE 14

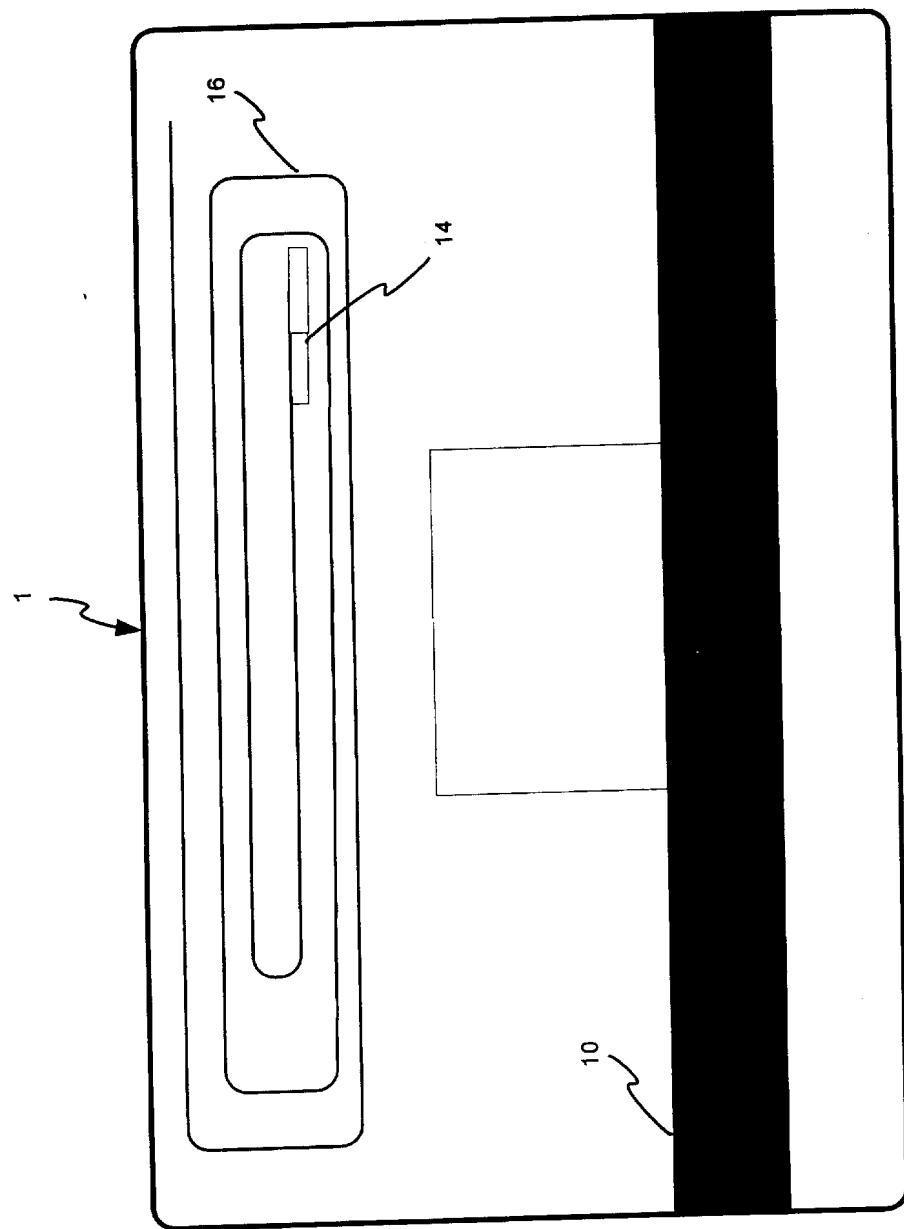


FIGURE 15A

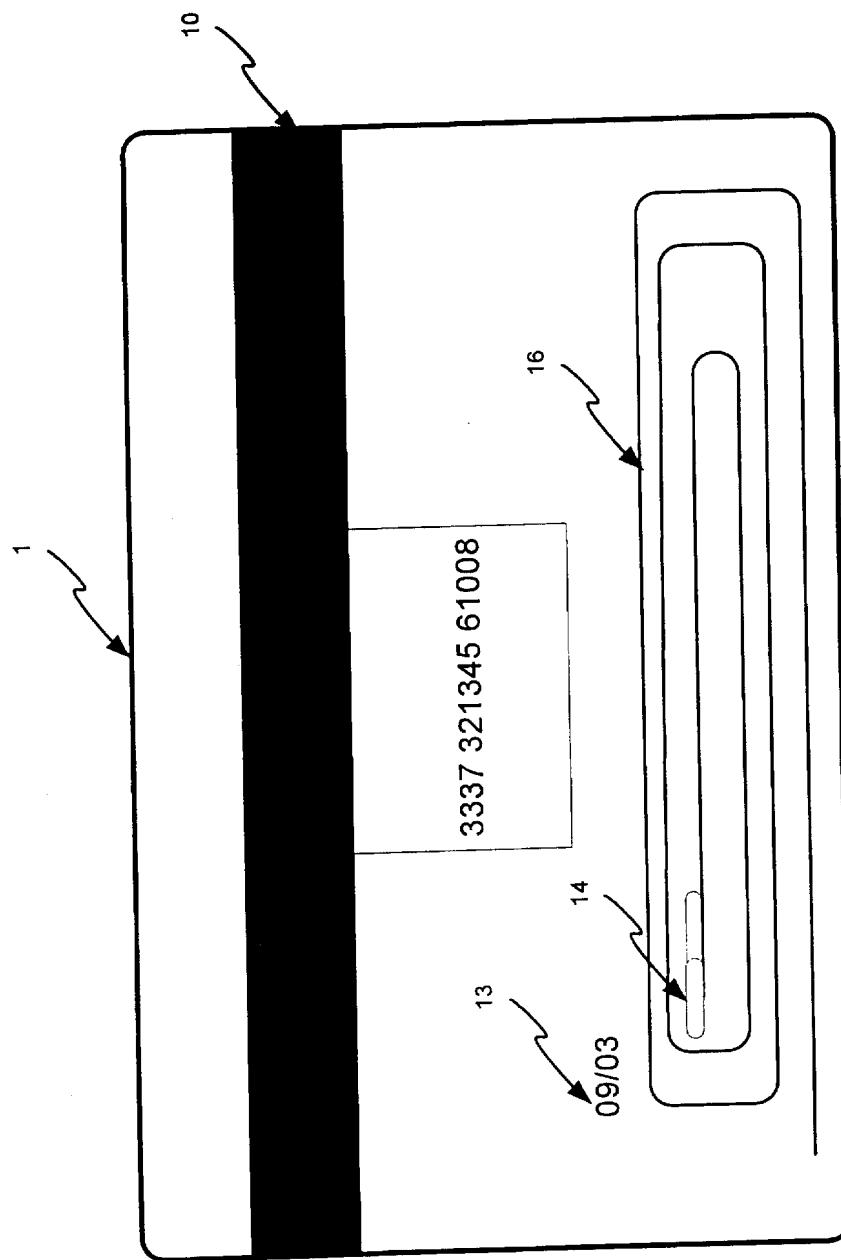


FIGURE 15B

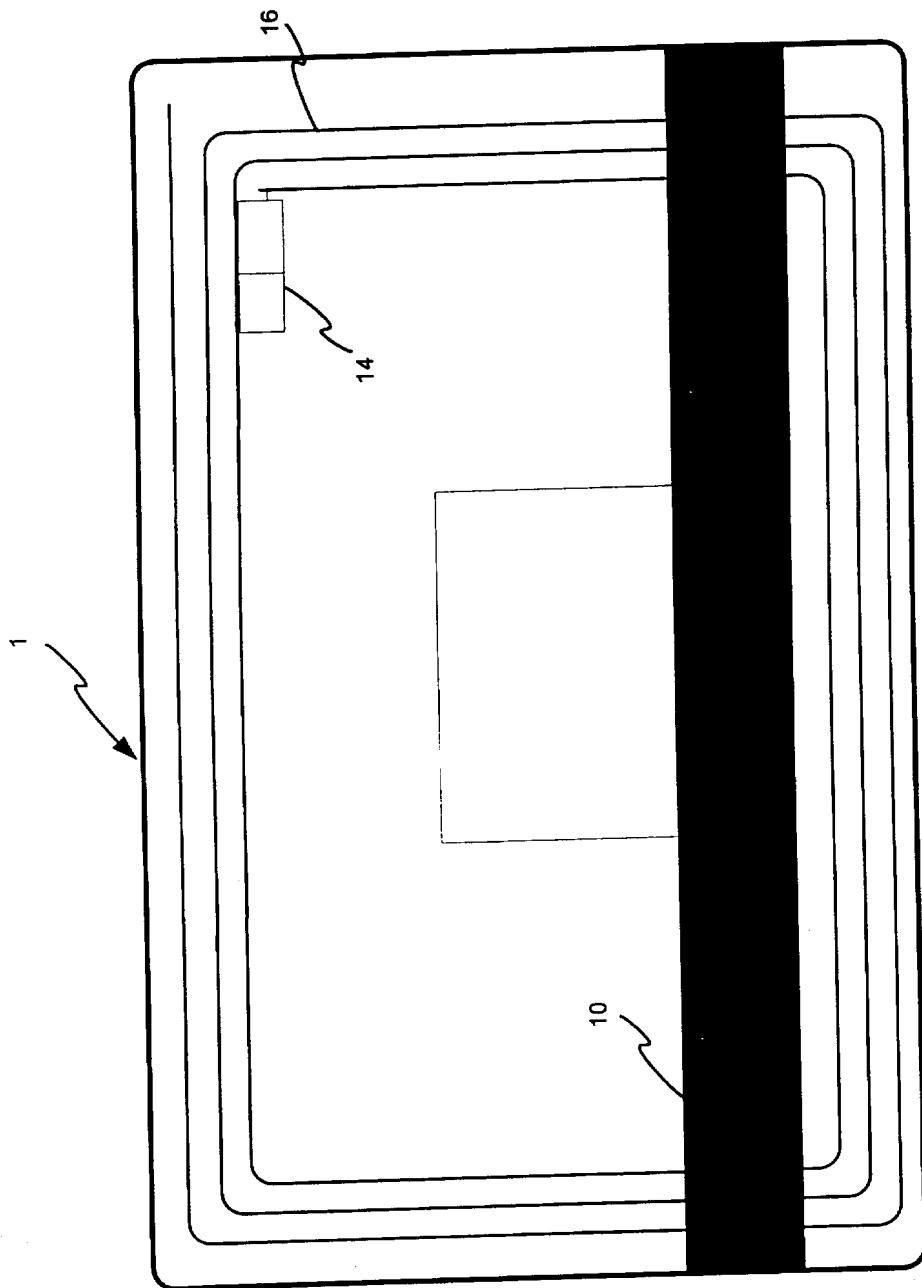


FIGURE 16

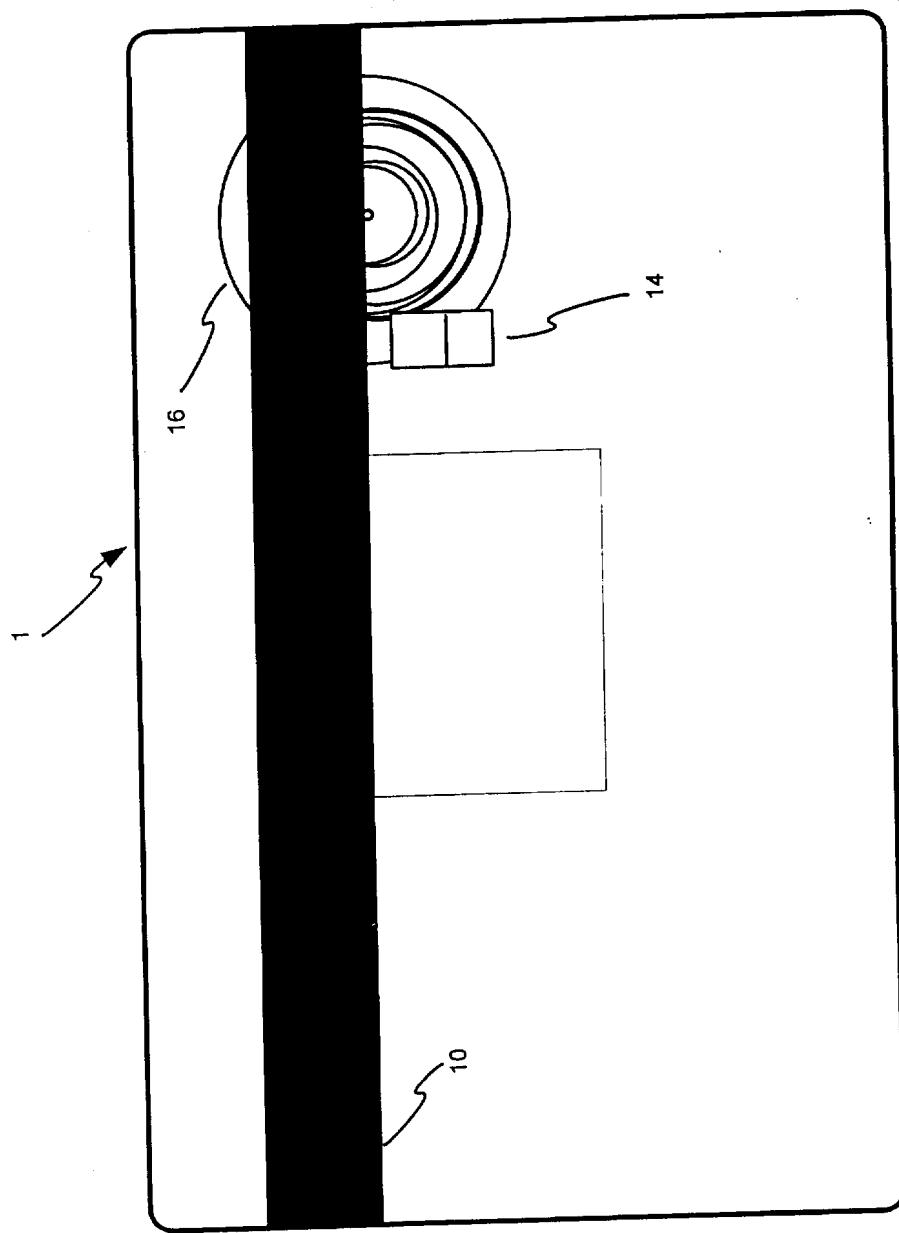


FIGURE 17

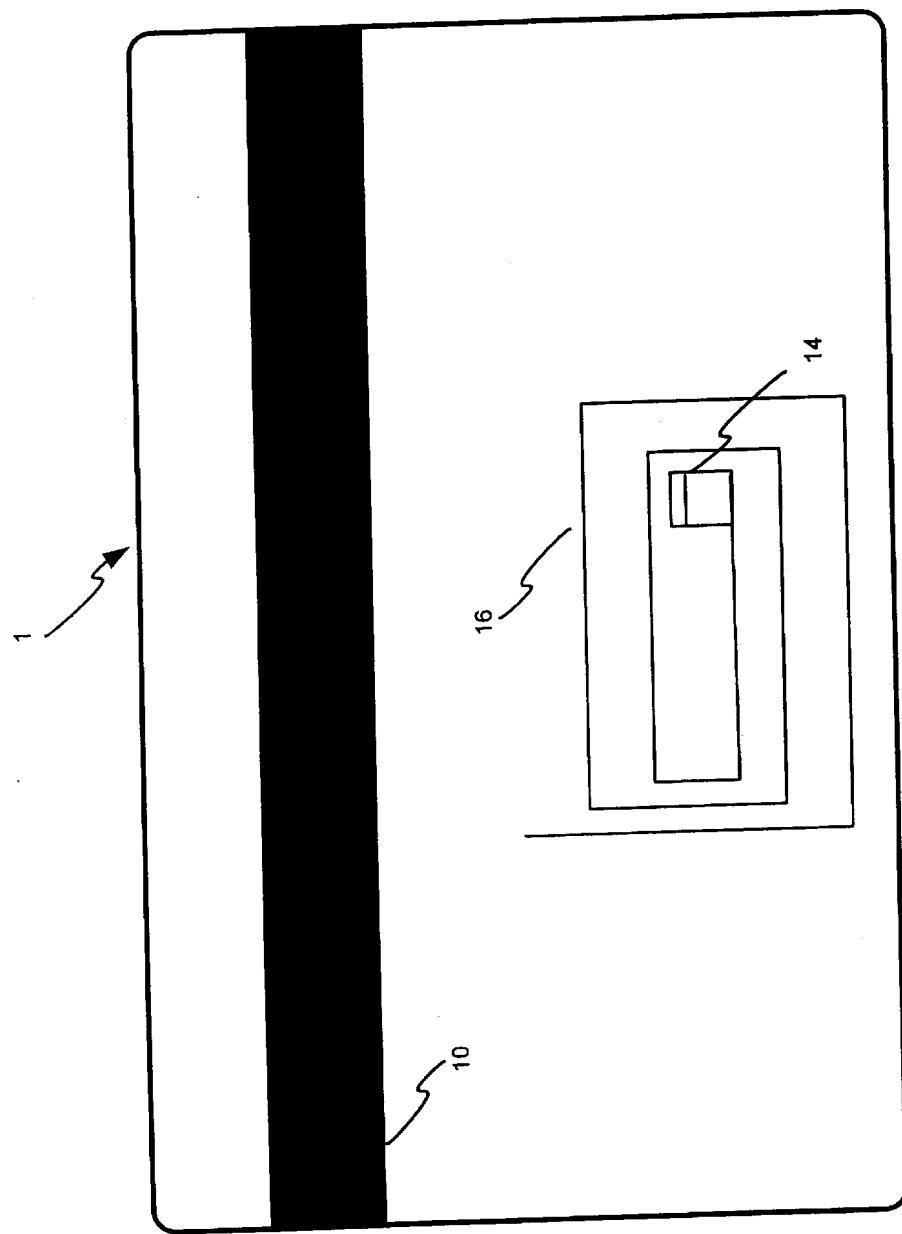


FIGURE 18